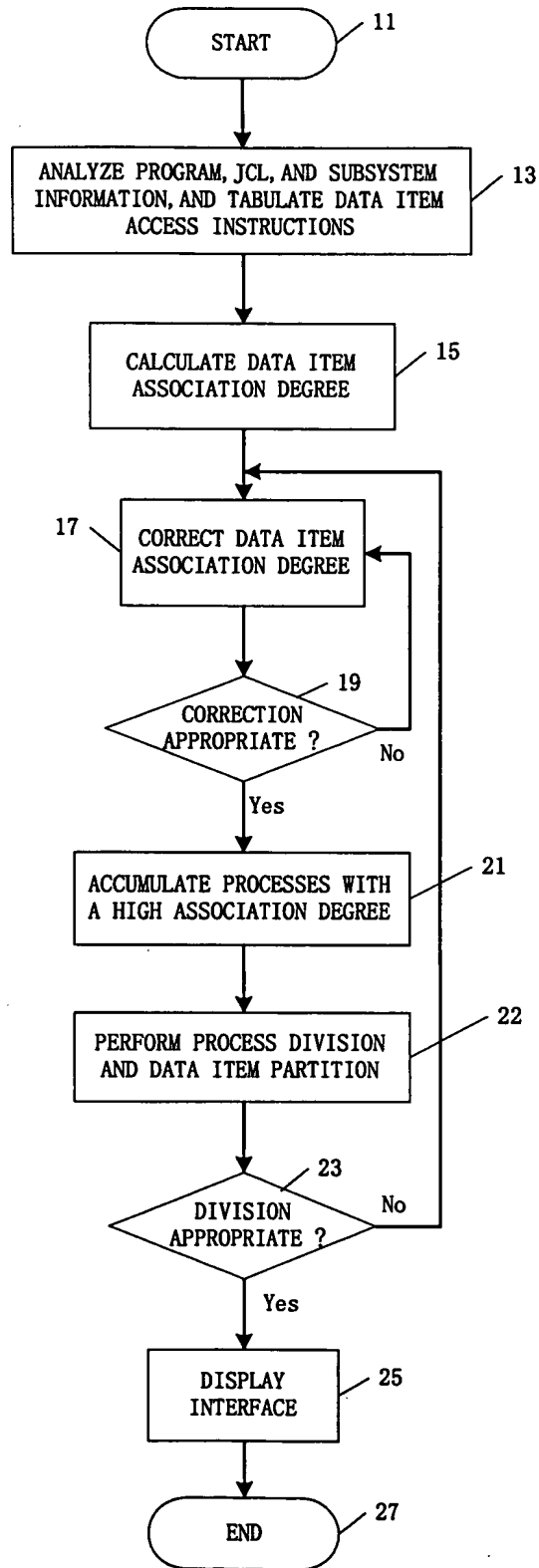


FIG.1

[illegible]

**FIG.2**



SYSTEM	SystemA																								
JOB	Job1										Job2										Job3				
PROGRAM	Pgm11										Pgm21										Pgm31				
SECTION	Sec111										Sec112										Sec211				
STEPs	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
FILE	REC	DATA																							
F1	R1	D11	R1					R5						R1			R1			U1					
		D12	R1																	U1					
		D13								R1					U2										
		D14														U1			R1						
F2	R2	D21																			C1				
		D22																			C1				
F3	R3	D31						Ra														C1			
		D32						Ra	Us								Ra						C1		

FIG.5

		ASSOCIATION RELATIONSHIP				
		REFERENCE	UPDATE	CREATE	DELETE	REDEFINE
ASSOCIATION MEDIUM	FILE	1	5	10	10	
	CALL PARAMETER	2	7	12	12	
	COPY PHRASE	3	9			20
	LOCAL VARIABLE	50	60			90

FIG.6

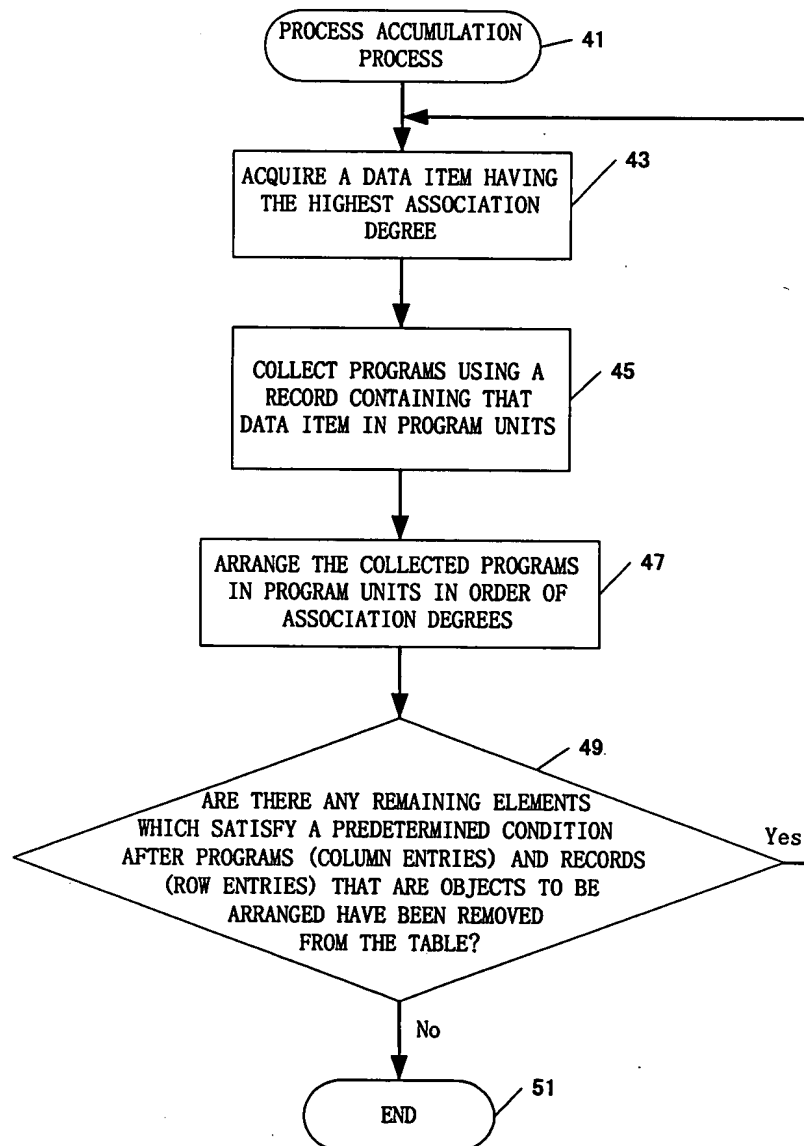


FIG.9

0055346 : 040000



SYSTEM		SystemA																								
JOB		Job1										Job2										Job3				
PROGRAM		Pgm11					Pgm12					Pgm21					Pgm22					Pgm31				
SECTION		Sec111					Sec112					Sec121					Sec211					Sec221				
STEPs		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
FILE		DATA																								
F1	R1	D11	1						5						1				1			5				
		D12	1																		5					
		D13										1				10										
		D14															5				1					
F2	R2	D21																				10				
		D22																				10				
F3	R3	D31							20															20		
		D32							20	100									20						20	

FIG.8

SYSTEM		SystemA															
JOB		Job1				Job2				Job3				Job4			
PROGRAM		Pgm11				Pgm22				Pgm31				Pgm41			
SECTION		Sec111				Sec112				Sec113				Sec114			
STEPS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
FILE	REC	DATA															
	DATA																
F1	R1	D11	1		5				5						1		
		D12	1		5				5								
		D13												1		10	
		D14							1							5	
F2	R2	D21									10						
		D22			5						10						
F3	R3	D31						20					20				
		D32						20	100				20		20		

FIG.10



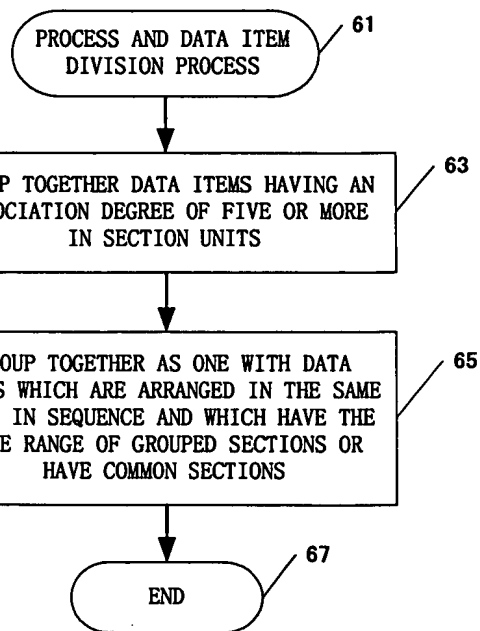


FIG.11

FILE NAME	DATA ITEM NAME	SECTION NAME
F1	D11	Sec111,Sec112,Sec311
F1	D12	Sec111,Sec311
F1	D13	Sec211
F1	D14	Sec211
F1	D21	Sec311
F1	D22	Sec111,Sec311
F2	D31	Sec112,Sec311
F2	D32	Sec112,Sec311,Sec221

FIG.12

FILE NAME	DATA ITEM NAME	SECTION NAME	
F1	D11	Sec111,Sec112,Sec311	
F1	D12	Sec111,Sec311	a
F1	D13	Sec211	
F1	D14	Sec211	d
F1	D21	Sec311	
F1	D22	Sec111,Sec311	b
F2	D31	Sec112,Sec311	
F2	D32	Sec112,Sec311,Sec221	c

FIG.13

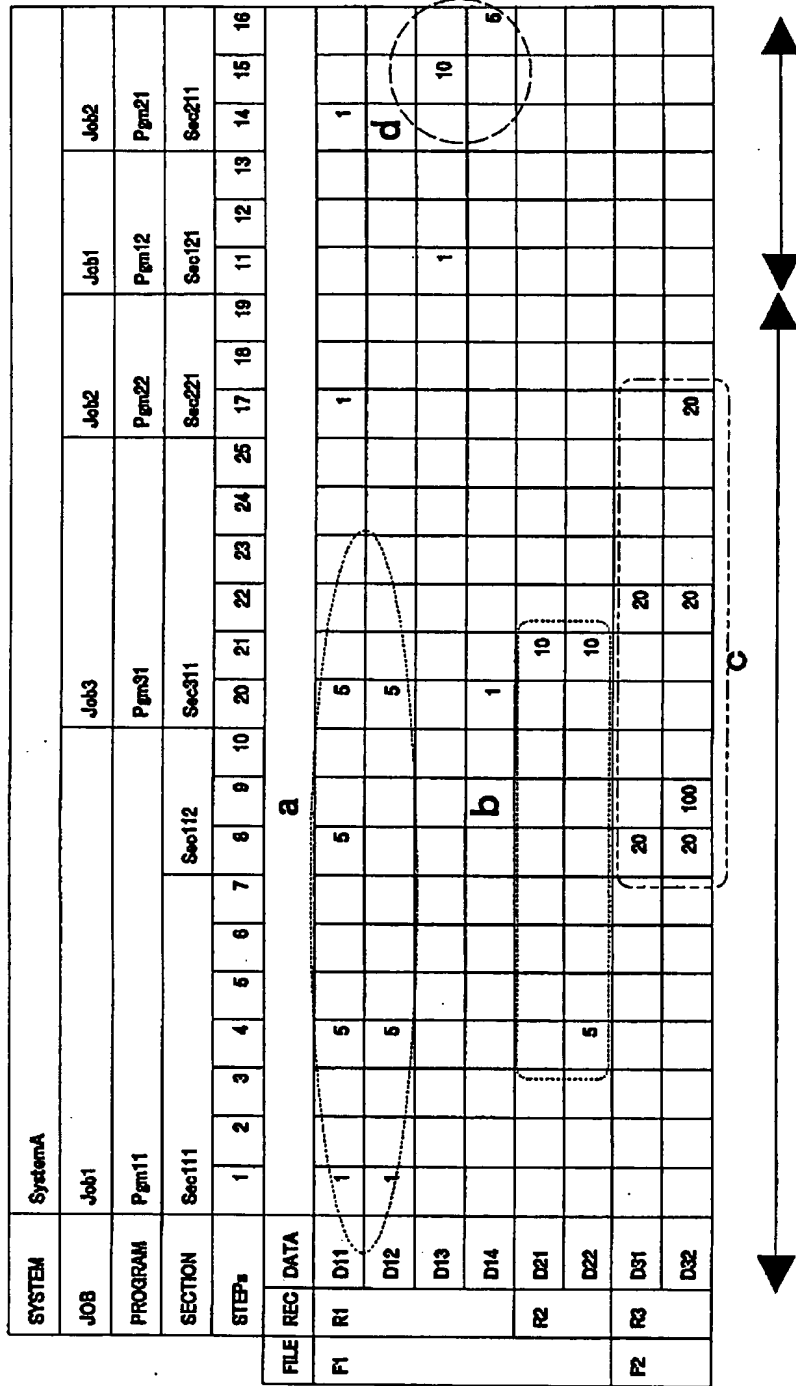


FIG.14

OBJECT			
obj-1(pgm11,pgm31,pgm22)		obj-2(pgm12,pgm21)	
	PRIVATE DATA	PUBLIC DATA	PUBLIC DATA PRIVATE DATA
D11	(REFERENCE,UPDATE)		(REFERENCE)
D12	(REFERENCE,UPDATE)		
D13			(REFERENCE,UPDATE)
D14		(REFERENCE)	(UPDATE)
D21	(CREATE)		
D22	(CREATE,UPDATE)		
D31	(CREATE,REFERENCE)		
D32	(CREATE,REFERENCE,UPDATE)		

FIG.15